

JUN 01 2006

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## FACSIMILE COVER SHEET

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TOTAL NUMBER OF PAGES BEING SENT: 11

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DATE: June 1, 2006

TO: Examiner Sung M. Pak  
Group Art Unit 2874

PHONE #: 571-272-2353

FAX #: 571-273-8300

One Security Centre  
Suite 400  
3490 Piedmont Road  
Atlanta, GA 30305  
404.949.5730 phone  
612.746.3006 faxApplication No.: 10/082,603  
Applicant: YAN et al.  
Due Date: June 1, 2006

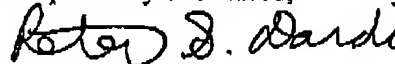
OUR REF.: 3275.27US01

FROM: Peter S. Dardi, Ph.D.  
PHONE #: 404-949-5730

Attached please find the following for filing in the above-identified application.

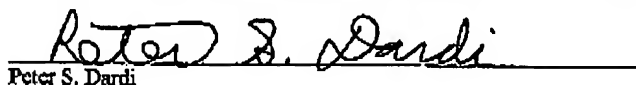
- (1) Amendment in response to Office Action dated March 1, 2006.

Respectfully submitted,

Peter S. Dardi, Ph.D.  
Registration No. 39,650

## CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office, Fax No. 571-273-8300 on the date shown below.

May 1, 2006  
Date  
Peter S. Dardi

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JUN 01 2006

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

New Attorney Docket No.: 3275.27US01

Old Attorney Docket No.: LWM-A078

YAN et al.

Confirmation No. 5733

Application No.: 10/082,603

Examiner: Sung H. Pak

Filed: February 22, 2002

Group Art Unit: 2874

For: FILTER RESPONSE OPTIMIZATION FOR AN ARRAYED WAVEGUIDE  
GRATING DEVICE BY ADJUSTING GRATING OPTICAL PATH LENGTH AT  
NANOMETER SCALE

---

AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

INTRODUCTORY COMMENTS

In response to the Office Action of March 1, 2006, please enter the following amendments.

The present amendment comprises the following sections:

A. Amendment to the Claims

B. Remarks

*Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 50-3863.*

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I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office, Fax No. 571-273-8300 on the date shown below thereby constituting filing of same.

Date

June 1, 2006

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